



VKP series

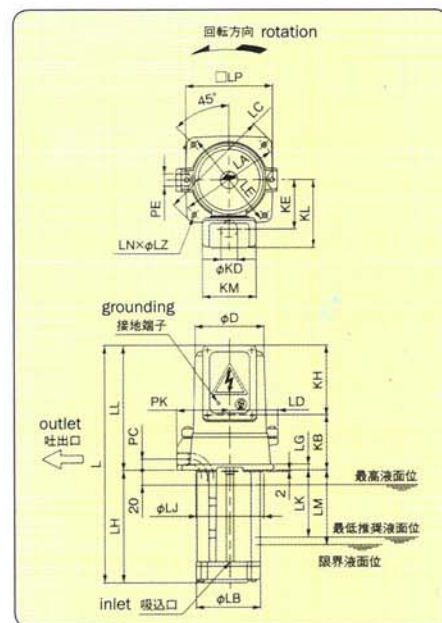
浸水式低压冷却泵

Low-Medium flow/Low head/Single-stage immersion type

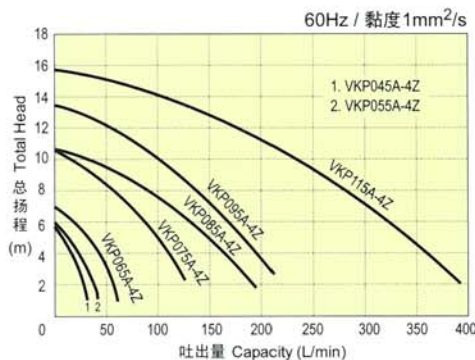
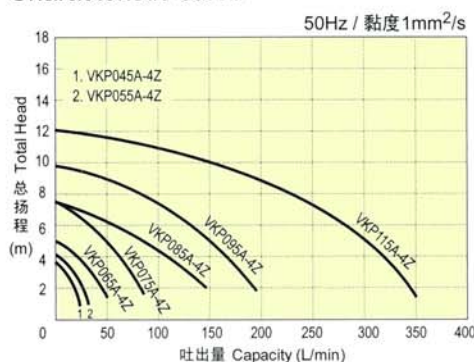
特色 Feature

- (1) 浸水式结构设计
The pump is immersed in the liquids when in use
- (2) 泵浦有多种长度选择搭配
Long and short-leg types available to suit various tank depths
- (3) 符合欧规RoHS及CE要求规范
Qualify with EU RoHS Directive and European Standards(EN) compliant

外型尺寸图 Externals dimensional drawing



特性曲线 Characteristic curve



规格/机型

规格/机型 model	VKP045A-4Z		VKP055A-4Z		VKP065A-4Z		VKP075A-4Z		VKP085A-4Z		VKP095A-4Z		VKP115A-4Z	
输出功率 output (W)	40		60		100		180		250		400		750	
额定电压 rated voltage (V)	380	400	380	400	380	400	380	400	380	400	380	400	380	400
	400	440	400	440	400	440	400	440	400	440	400	440	400	440
	415		415		415		415		415		415		415	
频率 frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60	50	60
额定电流 rated current (A)	0.16	0.16	0.19	0.18	0.28	0.25	0.44	0.5	0.65	0.75	1.2	1.3	1.7	1.9
(参考 reference)	0.16	0.16	0.20	0.18	0.28	0.25	0.43	0.5	0.6	0.75	1.2	1.2	1.7	1.8
	0.17		0.22		0.29		0.42		0.6		1.2		1.7	
流量 delivery quantity (L/min)	19	25	20	30	45	60	75	100	110	160	140	200	165	285
总扬程 total head (m)	1.5		2		2		3		4		5		7	
使用黏度上限 max. viscosity (mm ² /s)	300	150	300	150	300	150	300	150	300	150	300	150	300	150
标准管径 inlet/outlet (Rp)	1/4		3/8		3/8		1/2		3/4		1		2	

机型 model	图	尺寸 dimension (mm)																								重量(kg) weight	
		D	KB	KD	KE	KH	KL	KM	L	LA	LB	LC	LD	LE	LG	LH	LJ	LK	LL	LM	LN	LP	LZ	PC	PE	PK	
VKP045A-4Z	2	92	60.5	22	67	93	93	73	298	130	90 ^{0.5} _{-0.5}	145	-	130	8	150	90 ^{0.5} _{-0.5}	100	148	110	4	125	7	15	Rp1/4	62.5	5.5
VKP055A-4Z	3	92	74	22	67	93	93	73	317	132	90 ^{0.5} _{-0.5}	152	64	130	8	150	90 ^{0.5} _{-0.5}	100	167	110	4	116	7	15	Rp3/8	71	6.0
VKP065A-4Z	3	92	74	22	67	93	93	73	317	132	90 ^{0.5} _{-0.5}	152	64	134	8	150	90 ^{0.5} _{-0.5}	90	167	100	4	116	7	15	Rp3/8	71	6.5
VKP075A-4Z	3	111	94	22	78	93	104	73	367	160	115 ^{0.5} _{-0.5}	184	75	134	10	180	115 ^{0.5} _{-0.5}	105	187	130 ² ₂	143 ¹⁰ ₇	20	Rp1/2	80	10.0		
VKP085A-4Z	4	122	106	22	81	93	107	73	449	160	128 ^{0.5} _{-0.5}	194	80	170	10	250	128 ^{0.5} _{-0.5}	165	199	190	4	154	10	25	Rp3/4	85	15.0
VKP095A-4Z	6	131	117	22	94	93	122	87	524	180	135 ^{0.7} _{-0.7}	-	-	-	15	280	135 ^{0.7} _{-0.7}	160	244	200	2	155	10	30	Rp1	100	16.5
VKP115A-4Z	9	162	152	22	105	93	133	87	565	220	180 ^{0.7} _{-0.7}	-	-	-	12	280	180 ^{0.7} _{-0.7}	220	285	-	4	200	12	55	Rp2	115	29.0



VKN series

自吸式低压冷却泵

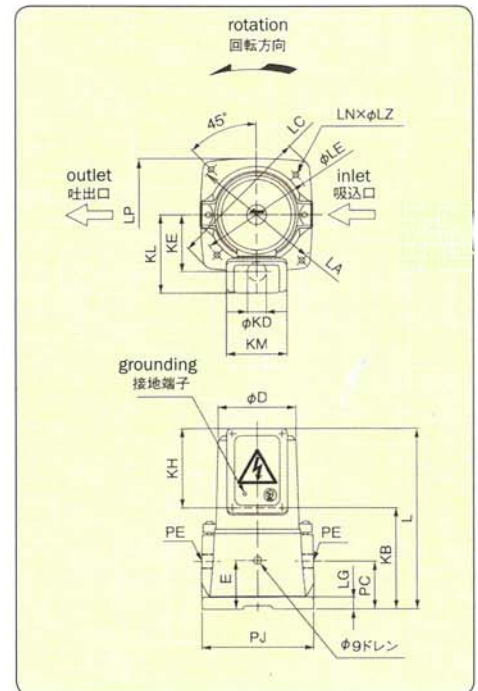
Low-Medium flow/Low head/Single-stage self-priming type

特色

- (1) 轻量化一体设计
Small size and lighter weight design
- (2) 自吸式结构, 安装方便
Easy to install by the self-priming function
- (3) 符合欧盟RoHS及CE要求规范
Qualify with EU RoHS Directive and European Standards(EN) compliant

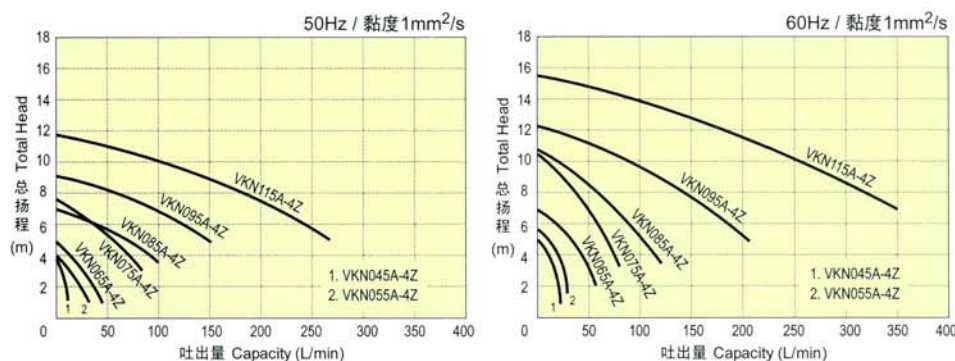
外型尺寸图

Externals dimensional drawing



特性曲线

Characteristic curve



规格/机型

规格/机型 model	VKN045A-4Z		VKN055A-4Z		VKN065A-4Z		VKN075A-4Z		VKN085A-4Z		VKN095A-4Z		VKN115A-4Z	
输出功率 output (W)	40		60		100		180		250		400		750	
额定电压 rated voltage (V)	380	400	380	400	380	400	380	400	380	400	380	400	380	400
	400	440	400	440	400	440	400	440	400	440	400	440	400	440
	415		415		415		415		415		415		415	
频率 frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60	50	60
额定电流 rated current (A) (参考 reference)	0.16	0.16	0.19	0.18	0.28	0.25	0.44	0.5	0.65	0.75	1.2	1.3	1.7	2.3
	0.16		0.20	0.18	0.28	0.25	0.43	0.5	0.6	0.75	1.2	1.2	1.7	2.1
	0.17		0.22		0.29		0.42		0.6		1.2		1.7	
流量 delivery quantity (L/min)	13	16	16	24	39	50	50	67	95	130	140	200	230	320
总扬程 total head (m)	1.5		2		2		3		4		5		7	
最大吸入管长 (m)	0.7		0.7		0.7		0.7		0.6		0.7		0.7	
使用黏度上限 max. viscosity (mm²/s)	200	75	200	75	200	75	200	75	200	75	200	75	200	75
标准管径 inlet/outlet (Rp)	1/4		3/8		3/8		1/2		3/4		1		1-1/2	

机型 model	图	尺寸 dimension (mm)																		重量(kg) weight	
		D	E	KB	KD	KE	KH	KL	KM	L	LA	LC	LE	LG	LN	LP	LZ	PC	PE	PJ	
VKN045L	1	92	44	151	-	-	-	61	-	183	130	145	-	13	4	125	7	44	Rp1/4	123	4.5
VKN045A-4Z	2	92	44	96	22	67	93	93	73	189	130	145	-	13	4	125	7	44	Rp1/4	125	4.5
VKN055A-4Z	2	92	57	119	22	67	93	93	73	212	130	169	132	14	4	131	7	56	Rp3/8	132	6.5
VKN065A-4Z	2	92	56	119	22	67	93	93	73	212	150	169	132	14	4	131	7	56	Rp3/8	132	7.5
VKN075A-4Z	2	111	63	143	22	78	93	104	73	236	164	194	160	15	4	153	10	63	Rp1/2	150	11.0
VKN085A-4Z	2	122	71	157	22	81	93	107	73	250	170	194	160	15	4	153	10	71	Rp3/4	160	12.5
VKN095A-4Z	3	131	81	158	22	94	93	122	87	296	180	200	-	15	2	-	10	85	Rp1	180	14.0
VKN115A-4Z	4	162	116	231	22	105	93	133	87	364	220	253	-	28	4	200	12	135	Rp1-1/2	280	29.0



VKD series 浸水式大流量冷却泵

Medium-High flow/Medium head/multi-stage immersion type

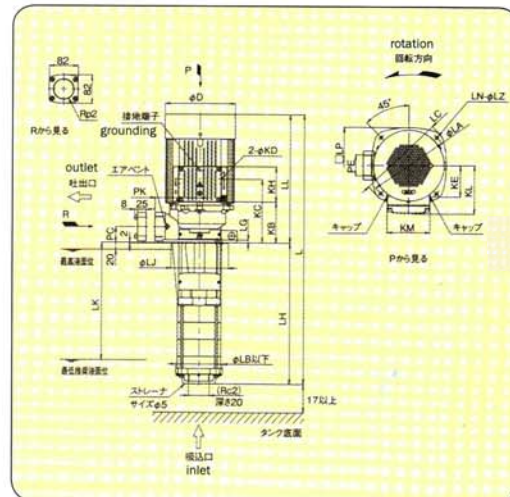
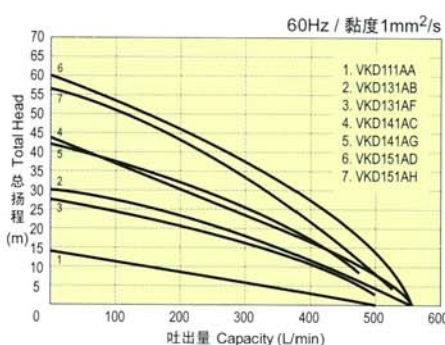
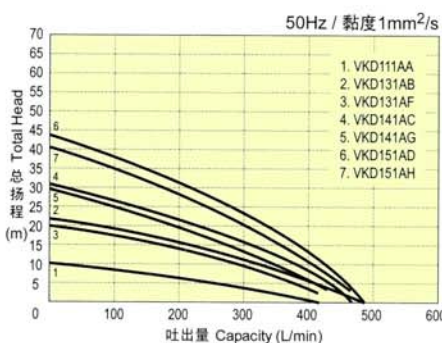
特色 Feature

- (1) 抗脏污液体汲取的特殊设计
Strong and tough enough to resist dirty liquids
- (2) 采用无机械轴封设计, 节省维修上的不便
With no mechanical seals design to save the maintenance
- (3) 符合欧规RoHS及CE要求规范
Qualify with EU RoHS Directive and European Standards(EN) compliant

外型尺寸图

Externals dimensional drawing

特性曲线 Characteristic curve



规格/机型

规格/机型 model	VKD111AA		VKD131AB		VKD141AC		VKD151AD		VKD131AF		VKD141AG		VKD151AH	
输出功率 output (kW)	0.75		1.5		2.2		3.0		1.5		2.2		3	
额定电压 rated voltage (V)	200	200 220	200	200 220	200	200 220	200	200 220	200	200 220	200	200 220	200	200 220
频率 frequency (Hz)	50	60	50	60	50	60	50	60	50	60	50	60	50	60
额定电流 rated current (A) (参考 reference)	4.7	5 4.9	7.6	10 9.2	13.7	13.6 13.2	16	17.3 16	7.6	10 9.2	13.7	13.6 13.2	16	17.3 16
流量 delivery quantity (L/min)	80 ~ 300	100 ~ 400	80 ~ 400	100 ~ 500	80 ~ 400	100 ~ 500	80 ~ 400	100 ~ 500	80 ~ 400	100 ~ 500	80 ~ 400	100 ~ 500	80 ~ 400	100 ~ 500
总扬程 total head (m)	8 ~ 4	12 ~ 4	20 ~ 7	28 ~ 7	29 ~ 9	40 ~ 9	40 ~ 14	54 ~ 14	18 ~ 4	25 ~ 2	27 ~ 7	38 ~ 7	37 ~ 11	50 ~ 8
使用黏度上限 max. viscosity (mm²/s)	75	75	75	75	75	75	75	75	75	75	75	75	75	75
标准管径 inlet/outlet (Rp)	1-1/2													

机型 model	图	尺寸 dimension (mm)																				重量(kg) weight			
		D	KB	KC	KD	KE	KH	KL	KM	L	LA	LB	LC	LG	LH	LJ	LL	LK	LN	LP	LZ	PC	PE	PK	
VKD111AA	1	162	139	-	22	109	93	137	87	530	215	161	239	8	258	165 _{0.5}	272	190	4	215	13	40	Rp1-1/2	130	24.0
VKD131AB	2	202	87	152	27	89	102	138	123	594	215	161	239	8	258	165 _{0.5}	336	190	4	215	13	40	Rp1-1/2	130	34.0
VKD131AF	4	202	117	182	27	89	102	138	123	768	225	161	250	8	402	165 _{0.5}	366	334	4	215	9	45	Rp2	128	39.0
VKD141AC	2	202	87	152	27	89	102	138	123	594	215	161	239	8	258	165 _{0.5}	336	190	4	215	13	40	Rp1-1/2	130	36.0
VKD141AG	4	202	117	182	27	89	102	138	123	768	225	161	250	8	402	165 _{0.5}	366	334	4	215	9	45	Rp2	128	41.0
VKD151AD	3	202	87	152	27	89	102	138	123	642	215	161	239	8	306	165 _{0.5}	336	238	4	215	13	40	Rp1-1/2	130	39.0
VKD151AH	4	202	117	182	27	89	102	138	123	768	225	161	250	8	402	165 _{0.5}	366	334	4	215	9	45	Rp2	128	44.0



亚台富士精机股份有限公司
Atai Fuji Motor Co., Ltd.

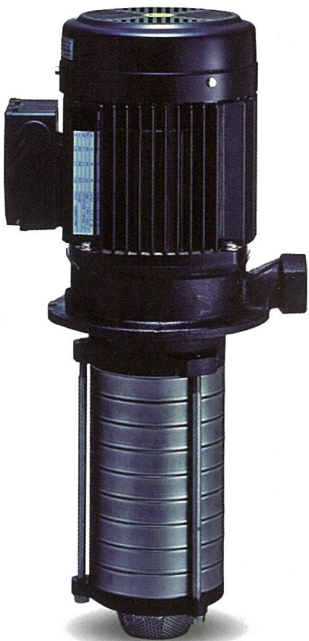
台湾省桃园县芦竹乡长兴路二段32号
No. 32, Sec. 2, Chang-Hsing Rd., Lu Chu Hsiang,
Taoyuan Hsien, Taiwan
Tel: +886-3-321-3030 Fax: +886-3-321-7890

经销商 Distributor

VKA series
不锈钢多段中高压冷却泵
Low flow/Medium head/Multi-stage immersion type

特色

- (1) 采用无机机械轴封设计,节省维修上的不便
With no mechanical seals design to save the maintenance
- (2) 符合欧规RoHS及CE要求规范
Qualify with EU RoHS Directive and European Standards(EN) compliant
- (3) 可搭配变频使用(10-60Hz)
Energy-saving operation by the inverter



型号说明 Model explanation

V K A 9 9 7 A H - S

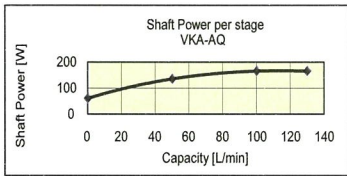
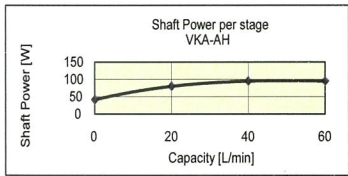
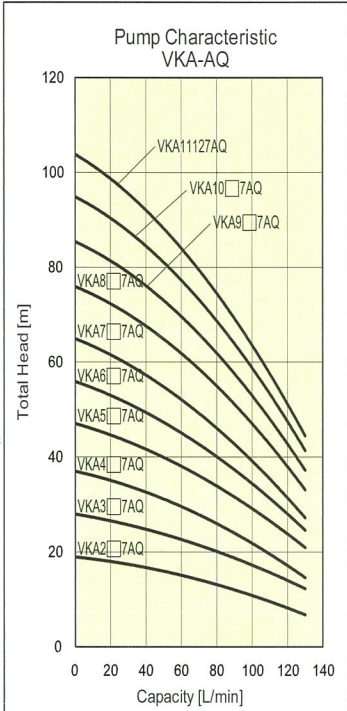
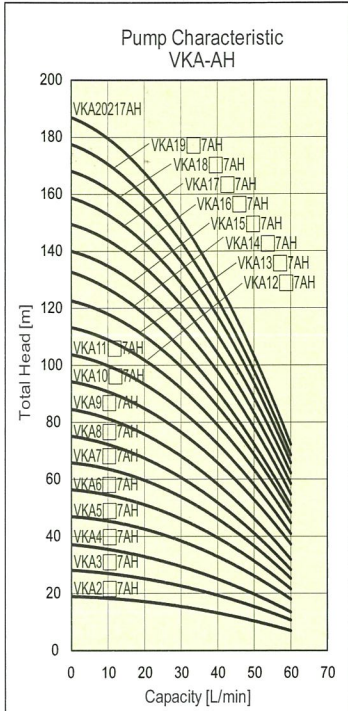
Series

特色: 采用无机机械轴封设计
Unique: With no mechanical seals design.

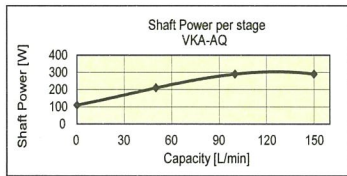
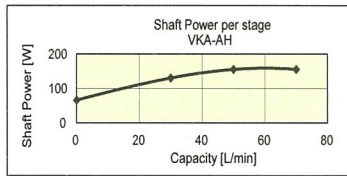
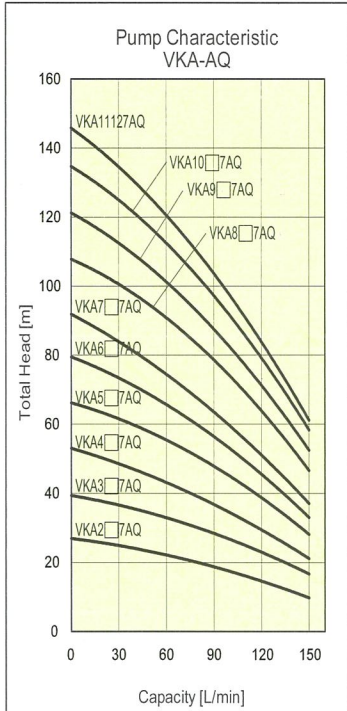
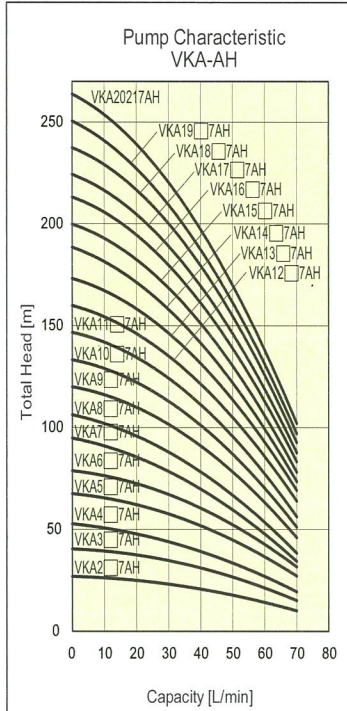
- S: 220/380V
- H: Pressure type, Q: Standard type
- 3-Phase
- Edition
- Number of Casing
- Number of Impeller

特性曲线 Characteristic curve

50Hz / 黏度1mm²/s



60Hz / 黏度1mm²/s



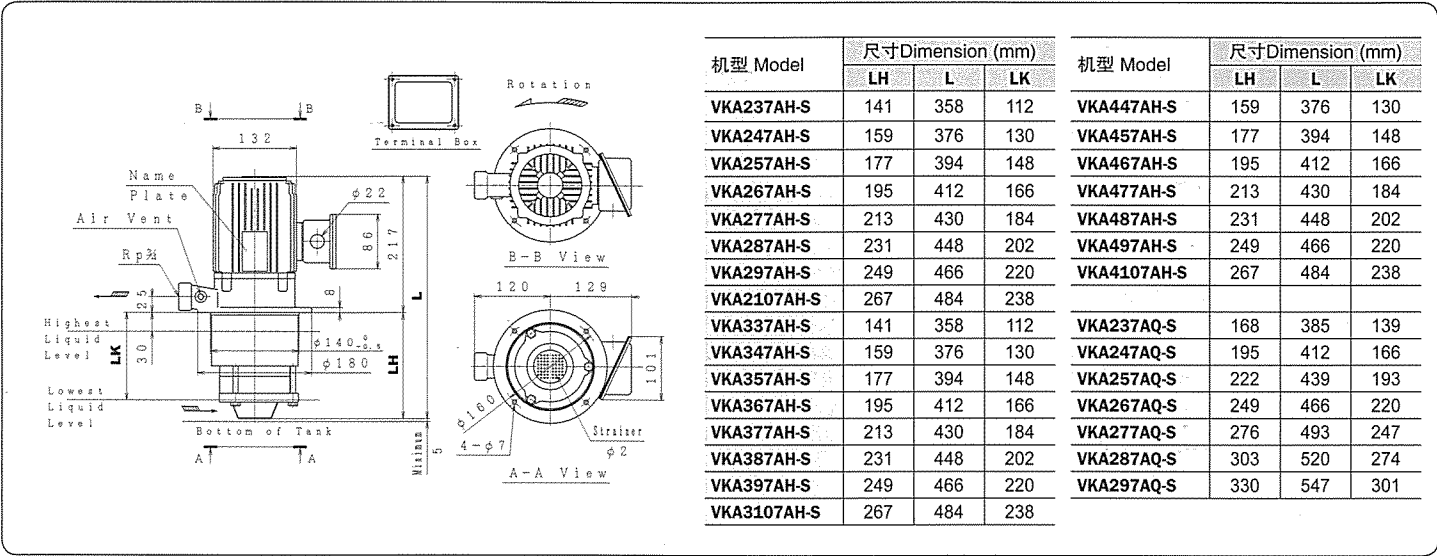
■ AH压力型 (Pressure type)

规格/ 机型 model	VKA2□7AH-S		VKA3□7AH		VKA4□7AH		VKA5□7AH		VKA6□7AH		VKA7□7AH		VKA8□7AH		VKA9□7AH		VKA10□7AH-S		VKA11□7AH-S		VKA12□7AH-S		VKA13□7AH-S		VKA14□7AH-S		VKA15□7AH-S		VKA16□7AH-S		VKA17□7AH-S		VKA18□7AH-S		VKA19□7AH-S		VKA20217AH-S	
频率 freq. [Hz]	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
电压 voltage																			220-230/380-400																			
叶片数 Q'ty of impeller	2		3		4		5		6		7		8		9		10		11		12		13		14		15		16		17		18		19		20	
输出功率 motor output [kW]	0.2	0.34	0.3	0.51	0.4	0.68	0.5	0.85	0.6	1.02	0.7	1.19	0.8	1.36	0.9	1.53	1.0	1.7	1.1	1.9	1.2	2.1	1.3	2.2	1.4	2.4	1.5	2.6	1.6	2.7	1.7	2.9	1.8	3.1	1.9	3.2	2	3.3
220V 额定电流 rated current [A]	2.1	2.0	2.3	2.3	2.4	2.6	3.1	3.8	3.3	4.3	3.4	4.6	3.6	4.7	5.0	6.2	5.2	6.8	5.6	7.2	5.7	7.4	5.9	7.5	8.2	9	8.5	9.8	8.7	10.3	8.9	10.6	9.1	10.9	9.3	11	9.5	11
230V 额定电流 rated current [A]	2.4	2.0	2.4	2.3	2.6	2.6	3.2	3.7	3.4	4.2	3.5	4.5	3.7	4.6	5.4	6.1	5.6	6.6	5.9	7.1	6.0	7.3	6.1	7.4	9.1	8.9	9.3	9.7	9.5	10.2	9.7	10.4	9.8	10.7	10	10.8	10.2	10.8
254V 额定电流 rated current [A]	-	2.1	-	2.3	-	2.6	-	3.7	-	4.2	-	4.5	-	4.6	-	5.9	-	6.4	-	6.8	-	7.1	-	7.2	-	8.9	-	9.7	-	10.1	-	10.3	-	10.6	-	10.7	-	10.7
380V 额定电流 rated current [A]	1.2	1.2	1.3	1.3	1.4	1.5	1.8	2.2	1.9	2.5	2.0	2.7	2.1	2.7	2.9	3.6	3.0	3.9	3.2	4.2	3.3	4.3	3.4	4.3	4.7	5.2	4.9	5.7	5.0	6.0	5.1	6.1	5.3	6.3	5.4	6.3	5.5	6.3
400V 额定电流 rated current [A]	1.4	1.2	1.4	1.3	1.5	1.5	1.8	2.1	2.0	2.4	2.0	2.6	2.1	2.6	3.1	3.5	3.2	3.8	3.4	4.1	3.5	4.2	3.5	4.3	5.3	5.1	5.4	5.6	5.5	5.9	5.6	6.0	5.7	6.2	5.8	6.2	5.9	6.2
440V 额定电流 rated current [A]	-	1.2	-	1.3	-	1.5	-	2.1	-	2.4	-	2.6	-	2.6	-	3.4	-	3.7	-	4.0	-	4.1	-	4.2	-	5.1	-	5.6	-	5.8	-	6.0	-	6.1	-	6.2	-	6.2
吐出货量 capacity [L/min]	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50	40	50
总扬程 head [m]	13	18	19	27	25	33.5	33	44.5	39.5	52	46	59.5	51.5	66.5	58	78.5	65.5	87	72	96	78.5	104	85	113	90	122	97	129	103.5	137.5	110	144.5	116.5	153	122	160	128.5	168.5
转速 speed[rpm]	2960	3530	2940	3500	2920	3450	2940	3490	2930	3470	2920	3450	2910	3420	2940	3490	2940	3480	2930	3460	2920	3440	2910	3430	2950	3490	2950	3480	2940	3470	2940	3460	2940	3450	2930	3440	2930	3430
重量 weight [kg]	13		13		14		18		18		19		19		22		23		23		24		22		27		27		28		28		28		29		29	

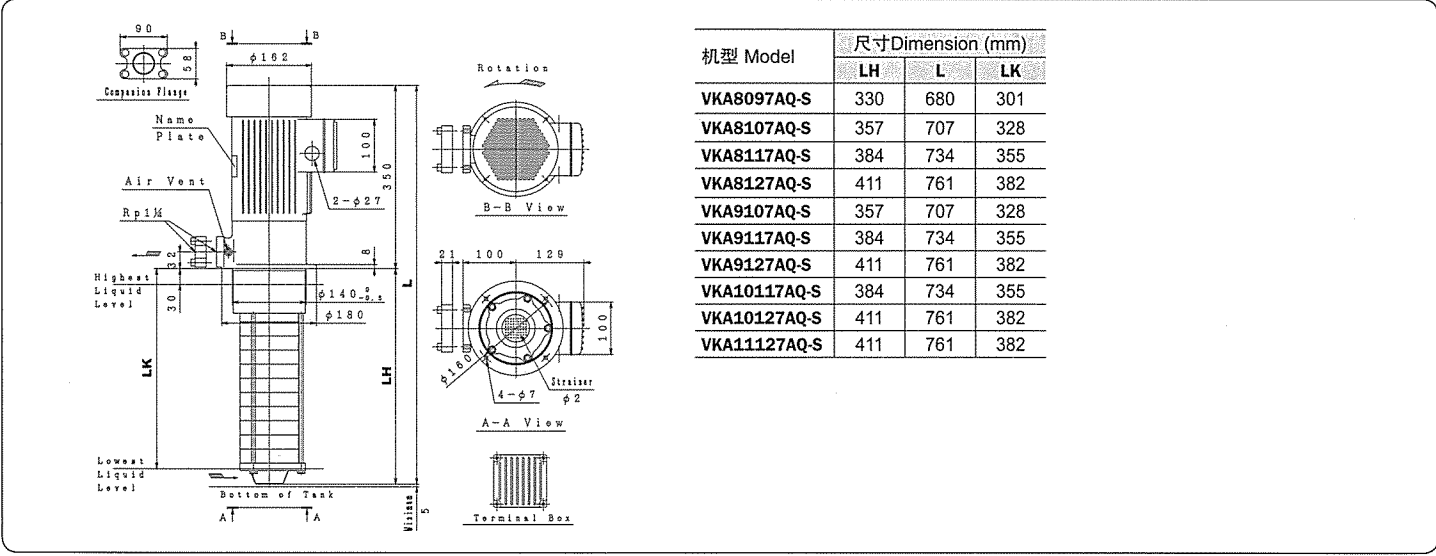
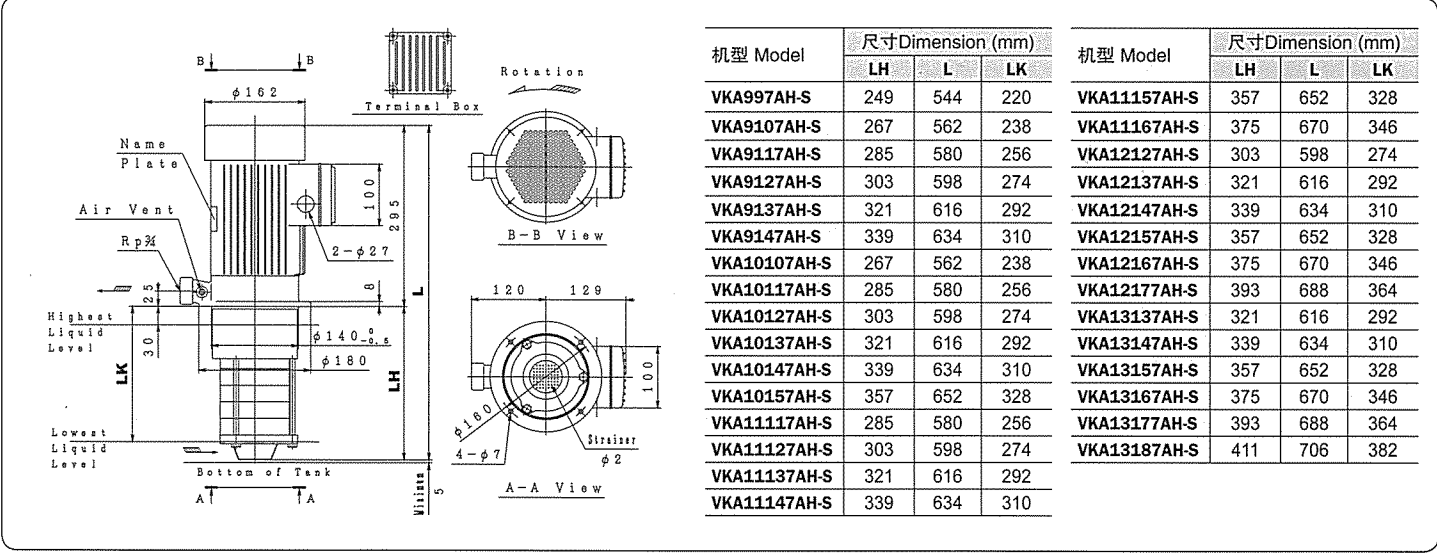
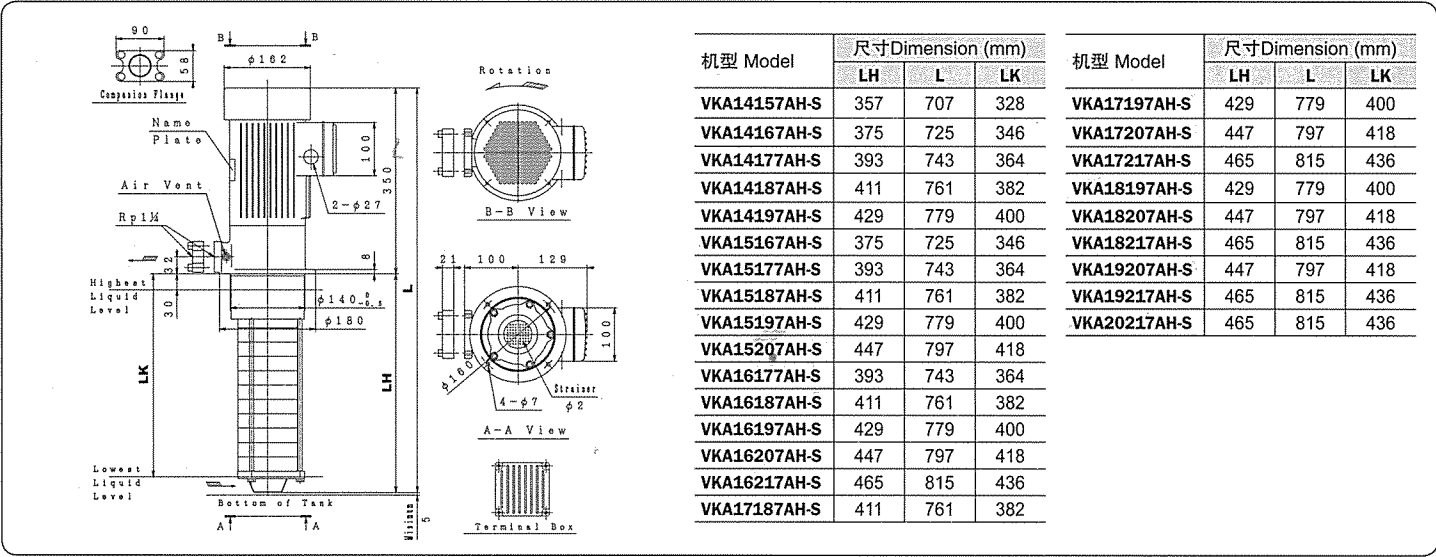
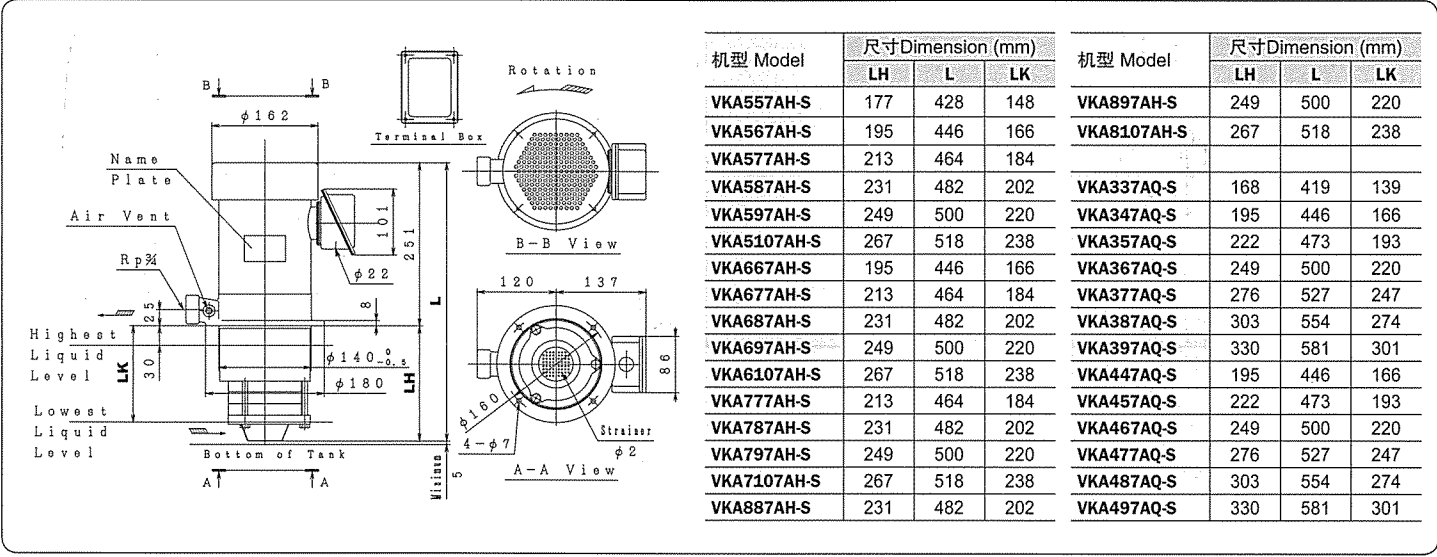
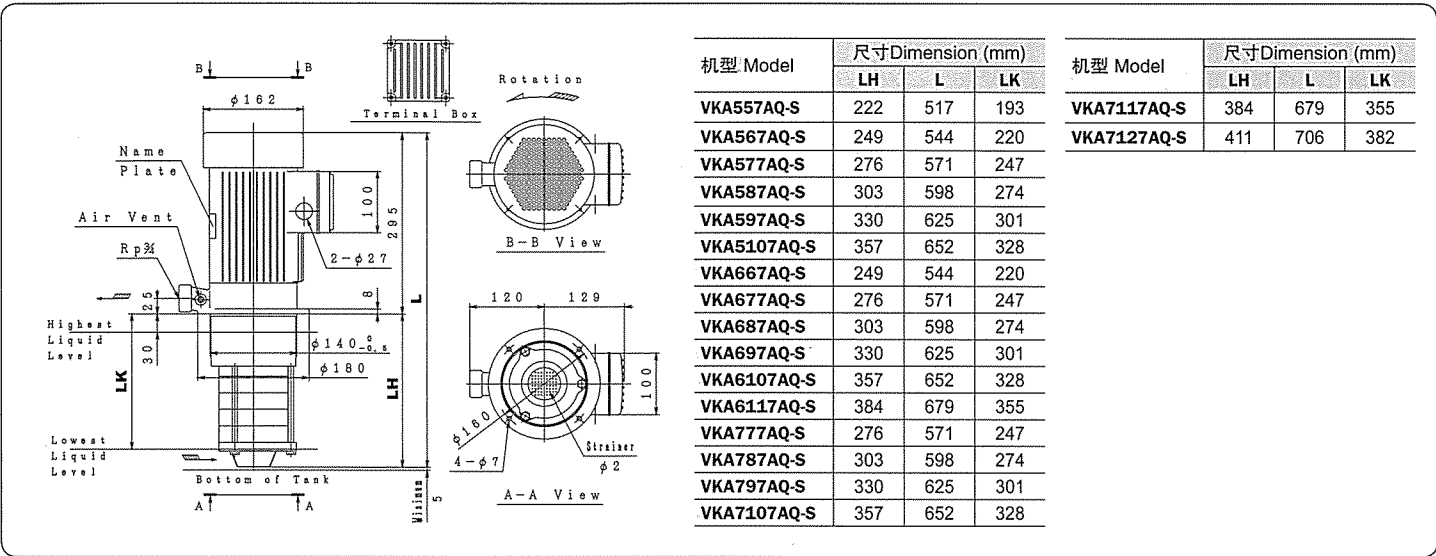
■ AQ流量型 (Standard type)

规格/ 机型 model	VKA2□7AQ-S		VKA3□7AQ-S		VKA4□7AQ-S		VKA5□7AQ-S		VKA6□7AQ-S		VKA7□7AQ-S		VKA8□7AQ-S		VKA9□7AQ-S		VKA10□7AQ-S		VKA11127AQ-S	
频率 freq. [Hz]	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60	50	60
电压 voltage	220-230/380-400																			
叶片数 q'ty of impeller	2		3		4		5		6		7		8		9		10		11	
输出功率 motor output [kW]	0.36	0.6	0.54	0.9	0.72	1.2	0.9	1.5	1.1	1.8	1.26	2.1	1.44	2.4	1.6	2.7	1.8	3	2	3.3
220V 额定电流 rated current [A]	2.3	2.6	3.2	3.9	3.5	4.6	5.0	6.2	5.6	7.1	5.7	7.4	8.3	9	8.7	10.3	9	10.8	9.5	11
230V 额定电流 rated current [A]	2.5	2.6	3.3	3.7	3.6	4.5	5.4	6.1	5.9	7.0	6.0	7.3	9.2	8.9	9.5	10.2	9.7	10.6	10.2	10.8
254V 额定电流 rated current [A]	-	2.6	-	3.7	-	4.5	-	5.9	-	6.7	-	7.0	-	8.9	-	10.1	-	10.5	-	10.7
380V 额定电流 rated current [A]	1.3	1.5	1.8	2.3	2.0	2.7	2.9	3.6	3.2	4.1	3.3	4.3	4.8	5.2	5.0	6.0	5.2	6.2	5.5	6.3
400V 额定电流 rated current [A]	1.5	1.5	1.9	2.1	2.1	2.6	3.1	3.5	3.4	4.1	3.5	4.2	5.3	5.1	5.5	5.9	5.6	6.1	5.9	6.2
440V 额定电流 rated current [A]	-	1.5	-	2.1	-	2.6	-	3.4	-	3.9	-	4.1	-	5.1	-	5.8	-	6.1	-	6.2
吐出货量 capacity [L/min]	85	100	85	100	85	100	85	100	85	100	85	100	85	100	85	100	85	100	85	100
总扬程 head [m]	12.5	17.5	19.5	27	25	35	32.5	45	38	53	44.5	60	53.5	74.5	60	83	66.5	92.5	72.5	98
转速 speed[rpm]	2920	3450	2940	3480	2930	3450	2940	3480	2930	3450	2910	3420	2950	3490	2950	3470	2940	3450	2930	3430
重量 weight [kg]	13		18		18		22		22		22		26		26		27		27	

外型尺寸图 Externals dimensional drawing



外型尺寸图 Externals dimensional drawing



1. 产品备有多种电压选择。
There is different voltage can be selected.
2. 本公司保有型录规格内容修订权且不另行通知。
It will be with no notice when catalogue specification changed.